Confirmation No.: 3821

Applicant: SVENSSON, Gösta et al.

Atty. Ref.: 00173.0023.PCUS00

**AMENDMENTS TO THE CLAIMS:** 

Please amend the claims as follows:

1. (Cancelled)

2. (Presently Amended) The device according to claim 1 claim 7, wherein the maneuvering organ

is arranged in such a way that it is within the reach of the driver while the driver simultaneously is

maneuvering a steering wheel and a dumping lever of the vehicle.

3. (Presently Amended) The device according to claim 1 claim 7, wherein the maneuvering organ

is arranged on a panel in the cabin, in the immediate vicinity of a dumping lever of the vehicle, in

such a way that the maneuvering organ is within reach of the driver while simultaneously

maneuvering the dumping lever with the same hand.

4. (Cancelled)

5. (Presently Amended) The device according to claim 1 claim 7, further comprising a sensor

connected to the control unit for sensing a manual movement of a gear shift lever connected to

the gearbox.

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6. (Presently Amended) The device according to claim 4, further comprising

A device for controlling a load-carrying vehicle when dumping or loading a load-carrying

platform of the vehicle, the device installed in a load-carrying vehicle having a dumping load-

carrying platform, said device comprising a maneuvering organ configured to be arranged in a

cabin of the load-carrying vehicle for hand maneuvering by a driver, and a control unit operatively

coupled to the maneuvering organ, to a brake of the load-carrying vehicle and to a gearbox of the

load-carrying vehicle, so that the device, when the maneuvering organ is activated, activates the

brake and institutes a neutral position in the gearbox and a sensor connected to the control unit

for sensing the speed of the vehicle with the purpose of maintaining the brake in a non-active

position and a present gear in the gearbox, despite an activation of the maneuvering organ when a

speed of the vehicle exceeds a predetermined speed.

7. (Presently Amended) The device according to claim 1, further comprising

A device for controlling a load-carrying vehicle when dumping or loading a load-carrying

platform of the vehicle, the device installed in a load-carrying vehicle having a dumping load-

carrying platform, said device comprising a maneuvering organ configured to be arranged in a

cabin of the load-carrying vehicle for hand maneuvering by a driver, a control unit operatively

coupled to the maneuvering organ, to a brake of the load-carrying vehicle and to a gearbox of the

load-carrying vehicle, so that the device, when the maneuvering organ is activated, activates the

brake and institutes a neutral position in the gearbox and a sensor coupled to the control unit for

sensing brake pressure, and wherein the control unit is coupled to a parking brake of the vehicle

for its activation when brake pressure falls below a predetermined value.

8. (Original) The device according to claim 1 claim 7, wherein the device is adapted for use in an

articulated dumper.

9. (Cancelled)

10. (Cancelled)

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11. (Presently Amended) The method according to claim 10, further comprising

A method for controlling a load-carrying vehicle when dumping or loading a load-carrying

platform of the vehicle, the method comprising:

detecting maneuvering of a hand maneuvering organ arranged in a cabin of a load-carrying

vehicle having a dumping load-carrying platform utilizing a control unit operatively coupled

between the maneuvering organ, a brake of the vehicle and a gearbox of the vehicle, and

activating, via the control unit, a brake of the vehicle and causing a gearbox of the load-carrying

vehicle to assume a neutral position when maneuvering of the hand maneuvering organ is

detected; and

detecting manual movement of a gear selection lever connected to the gearbox from the

neutral position to a gear position when the maneuvering organ is activated, and releasing the

brake when the movement is detected.

12. (Presently Amended) The method according to claim 10 claim 11, further comprising detecting

pressure in the brake and activating a parking brake of the vehicle when brake pressure falls below

a predetermined value.

13. (Presently Amended) The method according to claim 10 claim 11, further comprising

activating a parking brake of the vehicle when an engine of the vehicle is turned off or when the

engine stalls if the brake has previously been activated and the gearbox has been brought to the

neutral position via activation of the maneuvering organ.

14. (Cancelled)

15. (Presently Amended) The device according to claim 14 claim 17, wherein the maneuvering

control is arranged adjacent to a dumping lever of the vehicle.

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16. (Presently Amended) The device according to claim 14 claim 17, further comprising a sensor

in signal communication with the control unit for sensing movement of the gearbox from the

neutral position.

17. (Presently Amended) The device according to claim 14,

A control device for a load-carrying vehicle with a plurality of brakes and a gearbox

having a neutral position, the device comprising:

a control unit, installed in a load-carrying vehicle having a dumping load-carrying

platform, coupled to a brake and a gearbox of the vehicle;

a maneuvering control for operation by a driver, the maneuvering control in signal

communication with the control unit, the maneuvering control generating a signal for activating

the brake and for selecting the neutral position of the gearbox when the maneuvering control is

activated and wherein the control unit receives a signal indicative of speed of the vehicle and

wherein the control unit does not activate the brake if the indicated vehicle speed exceeds a

predetermined level.

18. (Presently Amended) The device according to claim 14claim 17, wherein the control unit

receives a signal indicative of pressure in the brake, and wherein the control unit is coupled to a

parking brake of the vehicle for activation when the brake pressure falls below a predetermined

value.

19. (Cancelled)

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20. (Original) The method according to claim 10, further comprising

A control device for a load-carrying vehicle with a plurality of brakes and a gearbox

having a neutral position, the device comprising:

a control unit, installed in a load-carrying vehicle having a dumping load-carrying

platform, coupled to a brake and a gearbox of the vehicle; and

a maneuvering control for operation by a driver, the maneuvering control in signal

communication with the control unit, the maneuvering control generating a signal for activating

the brake and for selecting the neutral position of the gearbox when the maneuvering control is

activated terminating the first signal for activating the brake if the gearbox is moved from the

neutral position while the maneuvering control is activated.

21. (New) A method for controlling a load-carrying vehicle when dumping or loading a load

carrying platform of the vehicle, said method comprising:

detecting maneuvering of a control input arranged in a cabin of a load-carrying vehicle

having a load-carrying platform using a computer control unit operatively coupled between the

control input, a parking brake of the vehicle and a gearbox of the vehicle;

activating a parking brake of the vehicle using the computer control unit; and

causing a gearbox of the load-carrying vehicle to assume a neutral position using the

computer control unit.

22. (New) The method as recited in claim 21, wherein the control input is arranged in such a way

that it is within the reach of a driver of the vehicle when the driver is maneuvering a steering

wheel and a dumping lever of the vehicle.

23. (New) The method as recited in claim 21, wherein the control input is arranged in such a way

that it is within the reach of a driver of the vehicle when the driver is maneuvering a dumping

lever with the same hand.

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24. (New) The method as recited in claim 21, further comprising utilizing a sensor connected to

the computer control unit for sensing manual maneuvering of a gear shift lever connected to the

gearbox of the vehicle.

25. (New) The method as recited in claim 21, further comprising utilizing a sensor connected to

the computer control unit for sensing a speed of the vehicle and maintaining the parking brake in a

non-active position and a present gear in the gearbox when the speed of the vehicle exceeds a

predetermined speed.

26. (New) The method as recited in claim 21, wherein the vehicle is an articulated dumper.

27. (New) The method as recited in claim 21, further comprising detecting manual movement of a

gear selection lever using the computer control unit and releasing the parking brake in response

thereto using the computer control unit.